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| | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 10/604,740 |
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| | | | | First Named Inventor | W. R. STOWELL et al. |
| | | | | Art Unit | 2879-1746 |
| | | | | Examiner Name | Carillo |
| Sheet | 1 | of | 1 | Attorney Docket Number | 124251 |

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U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|--|---|
| | | Number | Kind Code ² (if known) | | | |
| <i>b8</i> | | US- 4,087,721 | | 05/02/1978 | Mourier | |
| | | US- 4,098,450 | | 07/04/1978 | Keller et al. | |
| | | US- 4,689,468 | | 08/25/1987 | Muehlberger | |
| | | US- 4,851,636 | | 07/25/1989 | Sugimoto et al. | |
| | | US- 4,877,937 | | 10/31/1989 | Müller | |
| | | US- 4,975,147 | | 12/04/1990 | Tahara et al. | |
| | | US- 5,356,478 | | 10/18/1994 | Chen et al. | |
| | | US- 6,118,218 | | 09/12/2000 | Yializis et al. | |
| <i>b8</i> | | US- 6,137,078 | | 10/24/2000 | Keller | |
| | | US- 6,524,538 | B2 | 02/25/2003 | Barankova et al. | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|--------------------------------------|--------------------------------|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published. | T ² |
| <i>b8</i> | | BRECELJ, F. et al., "Reduction of metal oxide thin layers by hydrogen plasma", Vacuum, 1990, pgs. 177-178, Vol. 40, Numbers 1/2, Pergamon Press plc (1990). | |
| <i>b8</i> | | STURGES, D.J., et al., "A Qualitative Theory of the Medium Pressure Hollow Cathode Effect", Physica 37, pgs. 457-466 | |
| <i>b8</i> | | "13.56 MHz Hollow Cathode Plasma Source HCD L-300 by PlasmaConsult", pgs. 1-6, Nano-Master, Inc., Austin , TX | |
| <i>b8</i> | | RUSCH, Bill, LPPS-RTA Process, Sulzer Metco (The Coatings Company), plasma-process.ppt (3 pages) | |
| <i>b8</i> | | FRANCIS, Gordon, The Glow Discharge at Low Pressure, Encyclopedia of Physics, 1956, pgs. 53, 91, 97, 100-101 | |

| | | | |
|--------------------|----------------|-----------------|---------|
| Examiner Signature | <i>S. Call</i> | Date Considered | 3/11/05 |
|--------------------|----------------|-----------------|---------|